

REMARKS

Applicants initially affirm the election of Claims 1-25 and note that Claims 26-45 have been withdrawn from consideration as a result of the election. The Official Action objects to the title for not being descriptive. As such, the title has been amended to be “System Having a Global Address Server for Facilitating Communications by Mobile Terminals”. As now amended, the title is descriptive of the claimed invention such that the objection to the title is thereby overcome.

The Official Action also objected to the specification for failing to include a description of certain claim limitations included in Claims 1 and 3. In particular, the Official Action states that the specification fails to describe “a global unit coupled to the gateway, wherein activation of the terminal is initiated by a request to the global unit,” as recited by independent Claim 1. As described below, independent Claim 1 has been amended to no longer recite a global unit performing the above-quoted function. Instead, the system of amended independent Claim 1 includes a global address server for providing the terminal with an address of an access provider, an Internet service provider, a mobile service provider or the server to facilitate subsequent communications by the terminal. Since the specification describes the global address server in the same terms as now recited by amended independent Claim 1, Applicants submit that the amendments to independent Claim 1 overcome this ground of objection to the specification. As a result of the amendments to independent Claim 1, Claims 2 and 3 have been canceled and Claims 5 and 24 have been amended for purposes of consistency. Since Claim 3 has been amended, the objection to the specification for failing to adequately describe the subject matter of Claim 3 is now moot.

The Official Action also objected to the drawings and, in particular, to Figures 1, 1b, 2, 3 and 17 for failing to include descriptive labels. A replacement drawing for each of these figures is submitted herewith that provides labels in all boxes that are sufficiently large to include labels. As such, Applicants also submit that the objection to the drawings has now been overcome.

The Official Action rejected Claims 1-25 under 35 U.S.C. § 112, ¶ 2, as being indefinite. In particular the Official Action contends that the recitation of independent Claim 1 that “the terminal includes shared communication facilities for at least two users” and that the global unit

is coupled to the gateway such that activation of the terminal is initiated by request to the global unit is unclear. As described above, independent Claim 1 has been amended to no longer recite a global unit performing the above-quoted function, but to instead recite a global address server for providing an address of an access provider, an Internet service provider, a mobile service provider or the server so as to facilitate subsequent communications by the terminal.

Additionally, independent Claim 1 has been amended to recite that the terminal is capable of being utilized by at least two users such that the terminal provides shared communication facilities for the at least two users. The Official Action also specifically pointed to Claims 2, 17 and 20 for being indefinite. Claim 2 has now been canceled and Claims 17 and 20 have been amended to more definitively set forth the claimed invention in the manner suggested by the Official Action. As now amended, Applicants submit that independent Claim 1 and dependent Claims 17 and 20 particularly point out and distinctly claim the subject matter regarded as the invention such that the rejection of the claims under 35 U.S.C. § 112, ¶ 2, is thereby overcome.

The Official Action also rejects Claims 1, 2 and 8-10 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,336,137 to King-Hwa Lee, et al. The Official Action also rejects Claims 1-4, 6, 7 and 9-12 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,182,142 to Theresa Win, et al. Claims 5 and 8 are also rejected under 35 U.S.C. § 103(a) as being unpatentable over the Win '142 patent in view of the Lee '137 patent. Finally, Claims 21-25 are rejected under 35 U.S.C. § 103(a) as being unpatentable over the Win '142 patent in view of U.S. Patent No. 6,553,375 to Yun-Wu Huang, et al. As described above, independent Claim 1 has been amended to more clearly define certain patentable aspects of the claimed invention and to thereby further patentably distinguish the claimed invention from the cited references, taken either individually or in combination. As a result of the foregoing amendments and the following remarks, Applicants hereby respectfully request reconsideration of the present application and allowance of the elected set of claims.

As now amended, independent Claim 1 recites a system comprising at least one terminal capable of wireless communication with the network through a gateway. The terminal is capable of being utilized by at least two users such that the terminal provides shared communication facilities for the at least two users. The system of independent Claim 1 also includes a server

coupled to the gateway for providing services and information management services to the terminal. As now recited, amended independent Claim 1 also includes a global address server coupled to the gateway so as to provide the terminal with an address of an access provider, an Internet service provider, a mobile service provider and/or the server so as to facilitate subsequent communications by the terminal. The capability of providing one or more of those addresses by the global address server is advantageous since the access provider, Internet service provider, mobile service provider or the server may have an address that changes over time. By merely updating the address of the respective access provider, Internet service provider, mobile service provider or the server as stored by the global address server, each terminal can access the global address server to obtain the updated address, thereby avoiding having to communicate the change in the address to each of possibly a large number of terminals.

None of the cited references, taken either individually or in combination, teach or suggest a system as recited by amended independent Claim 1 that includes a global address server coupled to the gateway that provides the terminal with an address of an access provider, an Internet service provider, a mobile service provider and/or the server that provides services and information management services to the terminal so as to facilitate subsequent communications by the terminal. Instead, the Lee '137 patent describes a client server system in which a client, such as a wireless phone, communicates via a gateway and, in turn, the Internet with a web server. Based upon the information provided by the client, a web server is capable of determining the language, protocol and/or syntax according to which the client is configured to communicate and can subsequently tailor communications with the client so as to be in accordance with the desired language, protocol and/or syntax. Thus, the client and the web server can communicate according to any of a variety of markup languages or the like. However, the Lee '137 patent does not teach or suggest any type of global address server that would be accessed by the terminal so as to obtain an address of the web server or any other network entity such as an access provider, an Internet service provider or a mobile service provider as recited by amended independent Claim 1.

The Win '142 patent describes a method for controlling access to information resources, such as within a corporation. In this regard, the various roles served by personnel and the

various functional groups into which the personnel are organized are defined with each of the various roles and functional groups being provided access to different subsets of the information resources. According to the Win '142 patent, the user can attempt to access certain information resources via a browser. This access request is directed to an access server which, in turn, communicates with a registry server to determine if the requesting user has a role or belongs to a functional group that is authorized to receive the requested information. If so, the access server grants access to the requested information. If not, such access is denied. The Win '142 patent also describes that the access server provides encrypted tokens defining the user's roles and authorization rights to the browser which, in turn, stores those tokens in memory. The user may then be presented with a customized display showing only those resources that the user may access. Additionally, subsequent requests for information by the user during the same session can be resolved based upon the stored tokens without having to again contact the registry server. While the Win '142 patent does describe a technique for determining which resources a user can access, the Win '142 patent does not teach or suggest any type of global address server for providing the terminal with any address, such as the address to the access server, registry server or any of the content providers, let alone an access provider, Internet service provider, mobile service provider or a server for providing services and information management services as recited by amended independent Claim 1.

Finally, the Huang '375 patent describes a technique for controlling the distribution of applications to hand-held devices. In this regard, a user can submit a request for an application from their hand-held device. This request is directed to a server computer that maintains an access control list which indicates which applications are permitted to be downloaded to which hand-held devices. If the requested application is authorized to be downloaded to the hand-held device that has requested the application, the application is thereafter downloaded. If not, however, the download request is denied. As in the primary references, the Huang '375 patent does not teach or suggest any type of global address server for providing the terminal with the address of the server computer or any other network device, such as an access provider, an Internet service provider, a mobile service provider or a server for providing services and information management services to the terminal as now recited by independent Claim 1.

Since none of the cited references teach or suggest a system that includes a global address server for providing the terminal with an address of an access provider, an Internet service provider, a mobile service provider and/or a server for providing services and information management services as now recited by amended independent Claim 1, any combination of the references likewise fail to teach or suggest this same element. As such, Applicants submit that the rejection of independent Claim 1, as well as the claims that depend therefrom, is therefore overcome.

CONCLUSION

In view of the amended title, the replacement drawings, the amended claims and the foregoing remarks, Applicants respectfully submit that all of the elected claims of the patent application are in condition for immediate allowance. It is therefore respectfully requested that a Notice of Allowance be issued. The Examiner is encouraged to contact Applicants' undersigned attorney to resolve any remaining issues in order to expedite examination of the present application.

It is not believed that extensions of time or fees for net addition of claims are required, beyond those that may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. § 1.136(a), and any fee required therefore (including fees for net addition of claims) is hereby authorized to be charged to Deposit Account No. 16-0605.

Respectfully submitted,



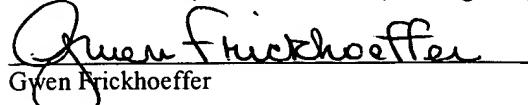
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